STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	ROUTE NO.	SECTION	cox	MTY	TOTAL SHEETS	SHEET NO.	SHEET NO.	25
-	F.A.P. 857	101BR-6	WHI	TE	100	44	27 SHEETS	
	PED, ROAD DIST, NO. 7		ILLINOIS	FED. AID PR	DJECT-	···		

Contract #98960

Division of Highways District Seven Materials								Date	7/	20/98
ROUTE FAP 867 (IL 14) DESCRIPTION					Fox River t	.OGGE	D 8	·	D. Lu	x
SECTION 101BR-6 LOC	ATIC	N _	NW 1	4, SEC	2. 29, TWP. 4 S, RNG. 14 E, 3 PM					
COUNTY White DRILLING	MET	HOD	*******	So	lid stern auger HAMMER	TYPE		Auto	matic	
STRUCT. NO. 097-0031	D	В	U	М	Surface Water Elev. N/A	ft	D	В	U	М
Station 174+14.21	E	L	C S	0	Stream Bed Elev. N/A	ft	E	L	S	0
BORING NO. 5	T	w		s	Groundwater Elev.:		T	W	ັ	s
BORING NO. 5 Station 171+61.53 Offset 8.90ft Rt	н	S	Qu	T	First Encounter	ft	н	S	On	Т.
Offset 8.90ft Rt	(ft)	(6°)	(tsf)	(%)	Upon Completion Caved	,ft	(ft)	(6")	(tsf)	(%)
Ground Surface Elev. 386.81 ft Bituminous surface and concrete	114	70 /	frast	1707	After Hrs.	π	(14	(0)	(101)	1701
bridge deck. 386.11	-						-			
•	\neg				Air. (continued)	205 44				
Air.	_				Soft to medium, wet, gray marbled	365.11				
	-				brown, CLAY w/hair roots.					
-										
	-			1				2	0.5	29
,	\neg					362.31			В	L
	5			ŀ	Very soft, wet, gray, CLAY w/ organic odor, hair roots and small		_25			
	-				roots.					
	-							0	0.2	35
							_		В	
	4									
	H						-	0	0	34
•									E	
	_10						_30			
				ĺ	Very loose, water bearing, fine	356,31				
•					grained, gray, SANDY LOAM to		-	0		25
	_				SAND w/clay lenses, 8% passing #200 sieve.	3				
					#200 sieve.					
	-				Very loose, water bearing, fine	353.81				
					grained, gray, SAND w/clay			2		22
-			i		lenses, wood and shells.			-		-
_	-15						-35			_
						351.31				
-					Loose, water bearing, brown, mixture of GRAVEL, SAND and			9		13
	\dashv				CLAY w/sea shells. 6% passing		-	•		
	\exists				#200 sieve.					\Box
						348.81				
	_				Loose, water bearing, brown, SAND w/small amounts of gravel.		_	9		14
					4% passing #200 sieve.			9		14
	20			1			-40		-	-

W S	Illinois De of Transp Division of Highways District Saven Mater	ortatio	eni n	t		S	OIL BORING LOG				
ROUTE FAP	857 (IL 14) DES		_				Fox River LOGO	ED B	<i>'</i>	D. Lu	x
SECTION	101BR-6	LOC	ATIO	N	NW 1	4, SEC	29, TWP. 4 S, RNG. 14 E, 3 PM				
	White						lid stem auger HAMMER TYP	:	Auto	matic	
Station	097-0031 174+14.21	_ [D E P	B L O W	U C S	M O I S	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	D E P	B L O	U C S	M 0 1 S
Offset	5 171+61.53 8.90ft Rt ace Elev. 388		н	S (/6")	Qu (tsf)	T (%)	Groundwater Elev.: First Encounter ft Upon Completion Caved ft After Hrs. ft	H (ft)	S (6")	Qu (tef)	T (%)
	pearing, brown, Il amounts of grav #200 sieve.	rel.									
Could not ret caving hole.	reive samples –	342.31	-45				Could not retreive samples – caving hole. Augered to apparent 100 blow count material at slevation 317.41. Estimated gray, weathered, CLAY SHALE.	-65			
			50				Extent of exploration.	41 -70			
		-									
		•	_55 					-75			
		-									
		326.81	-60	,				-80			

of Transportation Division of Highways District Seven Materials				_	OIL BORING LO	_		Date		21/98
ROUTE FAP 857 (IL 14) DESCRIPTION					Fox River	LOGGE	D BY	<i>-</i>	D. Lu	<u>×</u>
SECTION 101BR-6 LOCA	ATIC	N _	NW 1	/4, SE	C. 29, TWP. 4 S, RNG. 14 E, 3 PM					
COUNTY White DRILLING	MET	HOD		So	lid stem suger HAMMER	TYPE		Auto	matic	
Station 174+14.21	D E P T	B C W	U C S	M 0 - s	Surfece Water Elev. N/A Stream Bed Elev. N/A Groundwater Elev.:	_ft _ft	D E P T	B L O W	U S	M O I S
Offset 9.20ft Lt	H (ft)	S (6")	Qu (tsf)	T (%)	First Encounter Upon Completion 364.7 After Hrs. N/A	_ft _ft _ft	H (ft)	S (6")	Qu (tsf)	(%)
Bituminous surface and concrete bridge deck. 386.31	\exists						_			
Air.	-				Medium, damp to very damp, brown, CLAY.	365,71	_			
-							_			
-	4					362.51		5	9.6 B	26
-	-5				Very soft, wet, brown with gray streaks, SILTY CLAY.		-25			
-							_	0	0.1 B	33
-	Ξ						\exists			
_					Soft, wet, brown with gray and re	358.51 ed	Ⅎ	0	0.3	35
	-10				streaks and black specks, CLAY.		30		В	
-	∃						\exists	0	0.3 B	32
									۵	
, and the state of	_							D	0.3 B	31
	-15					351,51	-35		ь	
-					Very looss, water bearing, dark gray, fine grained, SAND and CLAY, highly organic.			1		21
_						349.01				
-	4				Very looss, water bearing, fine grained, brown, SAND w'slight organic odor. 6% passing #200			1		18
_	-20				sieve.		-40			

illinois Departi	neni on	t		S	OIL BORING LOG	Page	<u>2</u> of
Divizion of Highways District Seven Materials				_		Date	7/21/9
ROUTE FAP 857 (IL 14) DESCRIPTION	v				Fox River LOGGED	BY	D. Lux
SECTION 101BR-6 LC	CATIO	N _	NW 1	4, SEC	C. 29, TWP. 4 S, RNG. 14 E, 3 PM		
					lid stem auger HAMMER TYPE		
STRUCT. NO. 097-0031 Station 174+14.21 BORING NO. 6 Station 173+28.26 Offsat 9.20ft Lt	D E P T H	B L O W	U C S Qu	M O S T	Surface Water Elev. N/A ft Streem Bed Elev. N/A ft E	L O W	U M C C S I
Ground Surface Elev. 387.01 ft	(ft)	(/6°')	(tsf)	(%)	After Hrs. N/A ft (ft	(6")	(tsf) (%
346.E Loose, water bearing, brown, SAND w/gravel. 5% passing #200 sieve.	1 _	9		17	-		
343.5 Medium, water bearing, SAND w/ gravel. 342.5		12		10		-	
Could not retreive samples – caving hole.	_45 					95	
			:		caving hole. Augered to apparent 100 blow count material at elevation 316.51. Estimated gray, weathered, CLAY SHALE.		
					Extent of exploration.	0	
	<u>-65</u>					<u>'5</u>	
327.0	7 -60					10	

BORING DETAILS
F.A.P. RT. 857 SEC. 101BR-6 WHITE COUNTY STATION 171+58.50 STRUCTURE NO. 097-0071